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PCT09

RAW SEQUENCE LISTING

DATE: 12/04/2002 P.9

PATENT APPLICATION: US/09/857,000A

TIME: 13:53:57

Input Set : A:\BREESE-12.APP

Output Set: N:\CRF4\12032002\I857000A.raw

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3 <110> APPLICANT: Clair, Philippe
4      Kaczorek, Michel
5      Temsamani, Jamal
7 <120> TITLE OF INVENTION: Peptides carrying substances across the blood brain barrier
9 <130> FILE REFERENCE: 19904-012 NATL
11 <140> CURRENT APPLICATION NUMBER: 09/857,000A
12 <141> CURRENT FILING DATE: 2001-09-07
14 <150> PRIOR APPLICATION NUMBER: FR98/15074
15 <151> PRIOR FILING DATE: 1998-11-30
17 <150> PRIOR APPLICATION NUMBER: PCT/FR99/02938
18 <151> PRIOR FILING DATE: 1999-11-26
20 <160> NUMBER OF SEQ ID NOS: 13
21 <170> SOFTWARE: PatentIn version.3.1
24 <210> SEQ ID NO: 1
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26 <212> TYPE: PRT
27 <213> ORGANISM: porcus
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31 <222> LOCATION: (1)..(18)
32 <223> OTHER INFORMATION: Protegrin PG1
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51 <223> OTHER INFORMATION: Protegrin PG2
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64 <220> FEATURE:
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66 <222> LOCATION: (1)..(18)

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Input Set : A:\BREESE-12.APP

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85 <222> LOCATION: (1)..(18)
86 <223> OTHER INFORMATION: Protegrin PG4
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105 <223> OTHER INFORMATION: Protegrin PG5
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143 <223> OTHER INFORMATION: Polyphemusin P2

RAW SEQUENCE LISTING

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165 <221> NAME/KEY: MISC_FEATURE
166 <222> LOCATION: (6)..(6)
167 <223> OTHER INFORMATION: Wherein Xaa is tryptophan
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199 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the
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200     n amino acid for which the side chain carries a basic group
202 <220> FEATURE:
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204 <222> LOCATION: (5)..(5)
205 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the

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207 <220> FEATURE:

208 <221> NAME/KEY: MISC_FEATURE

209 <222> LOCATION: (6)..(6)

210 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification. Xaa may be identical or different, and represent a natural or non-natural amino acid, including amino acid with D configuration an

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Input Set : A:\BREESE-12.APP

Output Set: N:\CRF4\12032002\I857000A.raw

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214 <222> LOCATION: (7)..(7)
215 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification. Xaa may be identical or different, and represent a natural or non-natural amino acid, including amino acid with D configuration an
217 <220> FEATURE:
218 <221> NAME/KEY: MISC_FEATURE
219 <222> LOCATION: (8)..(8)
220 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification. Xaa may be identical or different, and represent a natural or non-natural amino acid, including amino acid with D configuration an
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224 <222> LOCATION: (9)..(9)
225 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification. Xaa (shown/defined as B in the specification) may be identical or different, and represent a natural or non-natural amino acid, in
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228 <220> FEATURE:
229 <221> NAME/KEY: MISC_FEATURE
230 <222> LOCATION: (10)..(10)
231 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification. Xaa (shown/defined as B in the specification) may be identical or different, and represent a natural or non-natural amino acid, in
232 n amino acid for which the side chain carries a basic group
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235 <221> NAME/KEY: MISC_FEATURE
236 <222> LOCATION: (11)..(11)
237 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification. Xaa (shown/defined as B in the specification) may be identical or different, and represent a natural or non-natural amino acid, in
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257 <222> LOCATION: (15)..(15)
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268 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the
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270 <220> FEATURE:
271 <221> NAME/KEY: MISC_FEATURE

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327 <220> FEATURE:

328 <221> NAME/KEY: MISC_FEATURE

329 <222> LOCATION: (7)..(7)

330 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification. Xaa may be identical or different, and represent a natural or non-natural amino acid, including amino acid with D configuration an

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333 <221> NAME/KEY: MISC_FEATURE

334 <222> LOCATION: (8)..(8)

335 <223> OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification. Xaa may be identical or different, and represent a natural or non-natural amino acid, including amino acid with D configuration an

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/857,000A

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Input Set : A:\BREESE-12.APP
Output Set: N:\CRF4\12032002\I857000A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:8; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
Seq#:9; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18
Seq#:10; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:9; Line(s) 183,189,194,199,205,210,215,220,225,231,237,243,248,253,258
Seq#:9; Line(s) 263,268,273
Seq#:10; Line(s) 298,304,309,314,319,325,330,335,340,346,351,356,361,366
Seq#:10; Line(s) 372,378,383

VERIFICATION SUMMARY

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Input Set : A:\BREESE-12.APP

Output Set: N:\CRF4\12032002\I857000A.raw

L:171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:16
L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:16